CS-255 CD Hi-Fi Mini System

BLACK

Introduce Your iPhone® 5 to the Onkyo Sound

While there is always a place for all-in-one docking systems, you can't beat a punchy amp and separate speakers for an authentic stereo experience. The CS-255 CD Hi-Fi Mini System combines deeply satisfying audio quality—beyond what you would expect from such a compact and affordable system—with playback support from a wide range of sources. Getting the tunes flowing is easy—just pop your iPhone 5 into the charging dock and send music through the digital amp and out the weighty two-way bookshelf speakers, which each boast a 3 15/16″ (10 cm) woofer and 3/4″ (2 cm) balanced-dome tweeter. The USB port connects older iPhone® and iPod® models, flash memory drives loaded with MP3 files, as well as USB-compatible smartphones, with track selection supported via the system remote. Then there's a front-loading CD player, an FM/AM tuner capable of storing up to 60 of your favorite stations, and a 1/8″ (3.5 mm) analog input to connect other media players. All that remains is for you to sit back, relax, and listen as your music comes alive.

CR-255 CD Receiver

Amplifier/CD Player Features

- 15 W/Ch (6 Ohms, 1 kHz, 10% THD, 2 Channels Driven, FTC)
- Efficient Digital Amplifier for Clear, Powerful Stereo Sound
- Plays Audio CD, CD-R, CD-RW, and MP3-Encoded CD*
- Front-Panel USB Port for Legacy iPod®/iPhone®, Smartphones, and Flash Memory Devices
- Super Bass Function
- 3 Play Modes for CD (Normal/Random/Repeat)
- 2 Repeat Modes for CD (Disc/Track)
- Analog Audio Input for Media Player Connection
- Headphone Jack
- Tone Control (Bass/Treble)

**Discs should be properly finalized.*

iPod/iPhone Charging Dock Features

- Charging Dock with Lightning Connector for iPhone® 5/iPod touch® (5G)/iPod nano® (7G)
- Direct-Digital Connection for Clearer Sound
- iPod/iPhone Control with Supplied Remote Controller
- iPod/iPhone Auto Selector, Play Timer, and Sleep Timer

USB Connection Features

- Recharges iPod/iPhone
- iPod/iPhone Control with Supplied Remote Controller
- Compatible Models: iPhone, iPhone (3G, 3GS, 4, 4S), iPod touch (1G, 2G, 3G, 4G), iPod classic (6G), and iPod nano (2G, 3G, 4G, 5G, 6G)
- Plays MP3 Files Stored on Flash Memory Devices and USB-Compatible Smartphones/Tablets

Other Features

- FM/AM Tuning with 60 Presets (30 + 30)
- Program Timer (Everyday)
- Sleep Timer
- Display Dimmer (Normal/Dim)
- Battery-Free Memory Backup
- Remote Control

D-T15 2-Way Bass Reflex Speakers

- 3 15/16″ (10 cm) Cone Woofer
- 3/4″ (2.0 cm) Balanced-Dome Tweeter
- Non-Parallel Sides to Prevent Internal Standing Waves
- Solid Construction, Fit, and Color-Matched Finish
- Magnetically Shielded to Prevent Interference
- Impedance: 6 Ohms
- Max. Input Power: 30 W
- Frequency Response: 55 Hz–50 kHz

CS-255 CD Hi-Fi Mini System

Direct Digital Charging Dock for iPhone® 5

Dock your iPhone 5, iPod touch® (5G), or iPod nano® (7G) via the Lightning Connector and recharge the device while you listen. The receiver automatically detects your device, selects dock input, and allows you to use the system remote to quickly navigate to your desired track. Audio signals are transported in pure digital form—bypassing the docked device's analog conversion and gain circuits—for noticeably clearer, deeper, and more realistic sound.

Connect, Charge, and Play via USB

Users of legacy iPhone and iPod models can link up in moments via the front-panel charging USB port, which also enables direct-digital audio transfer on these devices. If your smartphone or tablet features a mini-USB port, you can access the MP3 files stored on the device as well. You can also plug in a flash memory drive and use the system remote to select an MP3 library—no hassle, and no fuss.

Clean and Efficient Digital Amplifier

As well as being more energy-efficient than Class AB designs, digital amplifiers are capable of producing remarkably clean, detailed sound. Onkyo's low-noise circuit topology reduces distortion across a wide frequency bandwidth, resolving new layers of depth and detail in your favorite recordings.

Compact and Solid Two-Way Speakers

The CS-255 includes a pair of two-way bass-reflex-type speakers that incorporate a 3 15/16″ (10 cm) woofer and a 3/4″ (2 cm) balanced-dome tweeter. The cabinets feature stylish rounded edges and a front-to-rear taper that helps reduce internal standing waves—an unwanted acoustic resonance that can muddy the sound. Compact in size yet surprisingly robust, these magnetically shielded speakers fit comfortably and sound great almost anywhere you choose to place them.

Super Bass Function

Sometimes the music calls for a little extra bass punch. The two-mode Super Bass function on the CS-255 gives a welcome boost to the low-frequency band, adding just the right amount of heft to bass guitar and kick drum without sounding distorted, harsh, or boomy.

Smooth Front-Loading CD Player

While there is no shortage of weird and wonderful CD-loading designs out there, the novelty wears off after yet another scratched disc. The traditional front-loading CD player remains the simplest and safest way to enjoy your disc-based media. The CS-255 incorporates a smooth front-loading mechanism, while track- or album-repeat modes—plus a random playback option—offer greater flexibility. And it'll even play your homemade mixes and MP3-encoded compilation discs without any bother.

FM/AM Tuner with 60-Station Preset

Browse up to 60 of your favorite preset radio stations (with 30 presets for the AM band, and 30 more for FM) at the touch of a button, without fear of losing your original program. Once you've got all your favorites locked in, you'll never be short of something to listen to again.

SPECIFICATIONS

CD RECEIVER SECTION

Amplifier Section

Power Output	15 W + 15 W (6 Ohms, 1 kHz, 10% THD, 2 Channels Driven, FTC)
THD+N (Total Harmonic Distortion + Noise)	0.5% (1 kHz, 1 W)
Damping Factor	60 (1 kHz, 8 Ohms)
Input Sensitivity and Impedance	1000 mV/47 k-ohms (Line)
Frequency Response	50 Hz–20 kHz/+0 dB, -3 dB
Tone Control	±10 dB, 100 Hz (Bass) ±10 dB, 10 kHz (Treble) +4 dB, 80 Hz (Super Bass 1) +8 dB, 80 Hz (Super Bass 2)
Signal-to-Noise Ratio	84 dB (Line, IHF-A)
Speaker Impedance	6 Ohms – 16 Ohms

Tuner Section

Tuning Frequency Range	
FM	87.5 MHz–107.9 MHz
AM	530 kHz–1710 kHz
FM Preset Memory	30 Stations
AM Preset Memory	30 Stations

General

Power Supply	AC 120 V~, 60 Hz
Power Consumption	30 W
No-Sound Power Consumption	7 W
Standby Power Consumption	0.35 W (iPod/iPhone not connected)
Dimensions (W x H x D)	8 7/16″ x 3 15/16″ x 10 5/8″ (215 x 100 x 270 mm)
Weight	5.5 lbs. (2.5 kg)

SPEAKER SECTION

Speaker Type	2-Way, Bass-Reflex
Drivers	
Woofer	3 15/16″ (10 cm) Cone
Tweeter	3/4″ (2.0 cm) Balanced-Dome
Frequency Response	55 Hz–50 kHz
Crossover Frequency	4.5 kHz
Output Sound Pressure Level	82 dB/W/m
Max. Input Power	30 W
Nominal Impedance	6 Ohms

General

Dimensions (W x H x D)	5 1/8″ x 8 1/4″ x 6 3/4″ (130 x 210 x 172 mm)
Weight	3.5 lbs. (1.6 kg)

CARTON

Dimensions (W x H x D)	13 1/16″ x 7 1/2″ x 16 7/8″ (332 x 190 x 429 mm)
Weight	7.5 lbs. (3.4 kg)

UPC CODE

(B)	751398011368

Supplied Accessories

• Indoor FM antenna • AM loop antenna
• Speaker cable and cork spacers • Instruction manual
• Remote controller

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